

STANDARD PHRASEOLOGY

SECTION A

1. This section of standard phraseology contains the approved standard phrases to be used when invoking Category II Standard Items. The Standard Item number and title are provided at the top of each phrase or group of phrases associated with the Standard Item list.

SI

009-09 PROCESS CONTROL PROCEDURE (PCP); PROVIDE AND ACCOMPLISH

Accomplish the requirements of 009-09 of 2.1 for \_\_\_\_.

A9

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009-11 INSULATION AND LAGGING REQUIREMENTS; ACCOMPLISH

NOTE: NOT TO BE USED FOR INTERFERENCE REPLACEMENTS COVERED BY 009-23. USE A-11a TO INSTALL NEW PIPING, MACHINERY, AND HULL INSULATION AND LAGGING.

CONSIDERATION SHALL BE GIVEN TO HIGH TRAFFIC AREAS AS DEFINED IN 4.2 OF MIL-STD-769.

Accomplish the requirements of 009-11 of 2.1 for \_\_\_\_.

A11a

Accomplish the requirements of 009-11 of 2.1.

A11b

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009-12 WELDING, FABRICATION, AND INSPECTION REQUIREMENTS; ACCOMPLISH

NOTE: A12b SHALL BE A SUBPARAGRAPH OF A12a IF MORE THAN A VISUAL INSPECTION IS REQUIRED.

Accomplish the requirements of 009-12 of 2.1, including Table \_\_\_\_, Column(s) \_\_\_\_, Lines One through \_\_\_\_.

A12a

NOTE:        A12b SHALL BE USED ONLY AS A SUBPARAGRAPH TO A12a.  
THIS PHRASE CANNOT BE USED TO SPECIFY NDT REQUIREMENTS  
NOT ASSOCIATED WITH WELDING OR BRAZING. SEE B25 AND  
B26.

Accomplish nondestructive testing in accordance with Line \_\_\_\_.

A12b

Accomplish the requirements of 009-12 of 2.1, including Table \_\_\_\_,  
Column(s) \_\_\_\_, Lines One through \_\_\_\_, for \_\_\_\_.

A12c

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009-13        METERS; REPAIR AND CERTIFY CALIBRATION

NOTE:        USE B50 AS A SUBPARAGRAPH TO A13a.

Accomplish the requirements of 009-13 of 2.1 for each \_\_\_\_ listed in \_\_\_\_,  
using 2.\_\_ for guidance.

A13a

Calibrate and adjust each new meter in accordance with 009-13 of 2.1.

A13b

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009-14        GAGES, **SWITCHES** AND THERMOMETERS; REPAIR AND CERTIFY CALIBRATION

NOTE:        USE B50 AS A SUBPARAGRAPH TO A14a.

Accomplish the requirements of 009-14 of 2.1 for each \_\_\_\_.

A14a

Calibrate and adjust each new gage, **switch** and/or thermometer in accordance  
with 009-14 of 2.1.

A14b

009-15      ROTATING MACHINERY; BALANCE

Accomplish the requirements of 009-15 of 2.1 for each rotating assembly.

A15

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009-16      ELECTRONIC EQUIPMENT; REPAIR

NOTE:      INSERT EQUIPMENT TECHNICAL MANUAL IN REFERENCES.

USE B50 AS A SUBPARAGRAPH TO A16.

Accomplish the requirements of 009-16 of 2.1 for the \_\_\_\_\_ listed in \_\_\_\_\_, using 2.\_\_\_\_ for guidance.

A16

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009-17      ROTATING ELECTRICAL EQUIPMENT; REPAIR

NOTE:      INSERT EQUIPMENT TECHNICAL MANUAL IN REFERENCES.

Accomplish the requirements of 009-17 of 2.1 for the equipment listed in 1.3.\_\_\_\_, using 2.\_\_\_\_ for guidance.

A17

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009-22      SHIPBOARD ELECTRIC CABLE; TEST

Accomplish the requirements of 009-22 of 2.1 for the cable(s) terminating in the equipment listed in \_\_\_\_\_.

A22

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009-25      STRUCTURAL BOUNDARY TEST; ACCOMPLISH

***Accomplish the requirements of 009-25 of 2.1 for a running air test of \_\_\_\_\_. Allowable leakage: None.***

A25a

NOTE:        USE A25b FOR TANKS, VOIDS, AND COFFERDAMS. THE  
ALLOWABLE DROP OUNCES PER SQUARE INCH FOR WIRING TRUNK  
AND OTHER SPACES ARE 5 AND 2 RESPECTIVELY.

Accomplish the requirements of 009-25 of 2.1 for **a completion** air test of \_\_\_\_\_. Test pressure shall be \_\_\_\_\_ PSIG. Maintain test pressure for 15 minutes for temperature stabilization prior to start of test. Hold test pressure for 10 minutes. Allowable drop in pressure: None.

A25b

NOTE:        SALT WATER SHALL BE SPECIFIED FOR USE ON WOOD.

Accomplish the requirements of 009-25 of 2.1 for the \_\_\_\_\_ hose test of \_\_\_\_\_. Allowable leakage: None.

A25c

Accomplish the requirements of 009-25 of 2.1 for the vacuum box test of \_\_\_\_\_. Allowable leakage: None.

A25d

Accomplish the requirements of 009-25 of 2.1 for an air hose, water hose, or vacuum box test of \_\_\_\_\_. Allowable leakage: None.

A25e

Accomplish the requirements of 009-25 of 2.1 for a chalk test of each structural closure repaired in \_\_\_\_\_.

A25f

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009-26        DECK COVERING REQUIREMENTS; ACCOMPLISH

NOTE:        IDENTIFY CORRECT ATTACHMENT ACCORDING TO TYPE OF DECK  
COVERING INVOLVED.

Accomplish the requirements of 009-26 of 2.1, including Attachment \_\_\_\_.

A26a

Accomplish the requirements of 009-26 of 2.1, including Attachment \_\_\_\_, for installation of \_\_\_\_, in each location listed in \_\_\_\_.

A26b

Accomplish the requirements of 009-26 of 2.1 for \_\_\_\_.

A26c

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009-27        MATERIAL IDENTIFICATION AND CONTROL (MIC) FOR LEVEL I SYSTEMS;  
                 ACCOMPLISH

Accomplish the requirements of 009-27 of 2.1.

A27

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009-30        BOILER SAMPLE TUBES; INSPECT

Accomplish the requirements of 009-30 of 2.1.

A30

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009-31        BOILER WATERJET CLEANING; ACCOMPLISH

Accomplish the requirements of 009-31 of 2.1.

A31

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009-32        CLEANING AND PAINTING REQUIREMENTS; ACCOMPLISH

NOTE:        USE A32a WHEN MAIN ITEM IS PRESERVATION AND THE TABLES  
                                 IN 009-32 PROVIDE A CHOICE. USE A32b FOR OTHER PRIMARY  
                                 PRESERVATION WORK AND TOUCH-UP. SPECIFY DEGREE OF  
                                 PRESERVATION, i.e., FOUNDATION, NEW AND DISTURBED  
                                 SURFACES.

Accomplish the requirements of 009-32 of 2.1, including Table \_\_\_\_,  
Line(s) \_\_\_\_, for \_\_\_\_.

A32a

Accomplish the requirements of 009-32 of 2.1 for \_\_\_\_.

A32b

Accomplish the requirements of 009-32 of 2.1, including Table \_\_\_\_,  
Line(s) \_\_\_\_, Column(s) \_\_\_\_, for \_\_\_\_.

A32c

Accomplish the requirements of 009-32 of 2.1 for new and disturbed surfaces.

A32d

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009-33      ROTATING ELECTRICAL EQUIPMENT; REWIND

NOTE:      INSERT EQUIPMENT TECHNICAL MANUAL IN REFERENCES.

Accomplish the requirements of 009-33 of 2.1 for equipment listed in 1.3.\_\_\_,  
using 2. \_\_ for guidance.

A33

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009-36      CONTROLLER; REPAIR

NOTE:      INSERT EQUIPMENT TECHNICAL MANUAL IN REFERENCES.

USE B50 AS A SUBPARAGRAPH TO A36.

Accomplish the requirements of 009-36 of 2.1 for each controller listed  
in \_\_\_\_, using 2. \_\_ for guidance.

A36

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009-37      GENERAL PROCEDURES FOR WOODWORK; ACCOMPLISH

NOTE:      INVOKE IN WORK ITEMS REQUIRING WOOD REPAIRS/NEW  
INSTALLATIONS.

Accomplish the requirements of 009-37 of 2.1 for \_\_\_\_.

A37a

NOTE:        A37b SHALL BE USED ONLY AS A SUBPARAGRAPH TO A37a.  
INVOKE A37b WHEN ACCOMPLISHING REPAIRS/NEW  
INSTALLATIONS OF DECK PLANK CAULKING SEAMS.

Caulking compound for deck plank caulking seams shall be \_\_\_\_.

A37b

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009-38        BOILER , **CATAPULT ACCUMULATOR, AND REBOILER** DRY LAY-UP; ACCOMPLISH

Accomplish the requirements of 009-38 of 2.1 for \_\_\_\_.

A38

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009-41        TECHNICAL MANUAL CONTRACT REQUIREMENT (TMCR) FOR A TOPICALLY  
STRUCTURED TECHNICAL MANUAL; PROVIDE

NOTE:        USE FOR NEW MILITARY TECHNICAL MANUALS FOR NON-COMPLEX  
EQUIPMENT BEING PROCURED TO MILITARY SPECIFICATIONS.

Accomplish the requirements of 009-41 of 2.1.

A41

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009-42        TECHNICAL MANUAL CONTRACT REQUIREMENT (TMCR) FOR UPDATING  
TECHNICAL MANUALS; PROVIDE

NOTE:        USE FOR UPDATING EXISTING NAVSEA TECHNICAL MANUALS  
(INCLUDING SHIP'S SELECTED RECORD DATA) TO REFLECT  
CHANGES IN HARDWARE CONFIGURATION.

Accomplish the requirements of 009-42 of 2.1.

A42

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009-43        ENGINEERING PLANT PRODUCTION COMPLETION DATE (PCD), LIGHT-OFF  
ASSESSMENT (LOA) SUPPORT; PROVIDE

Accomplish the requirements of 009-43 of 2.1.

A43

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A44            Phrase deleted

NOTE:        FOR STANDARD ITEMS 009-45, 009-46, 009-47, 009-48, 009-50, 009-51, 009-52, 009-53, 009-55, AND 009-96, VALVE REMOVAL AND REINSTALLATION SHALL BE SPECIFIED IN THE INVOKING WORK ITEM.

009-45        TAPERED PLUG VALVE; REPAIR

NOTE:        A45b AND A45c SHALL BE SUBPARAGRAPHS TO A45a.

FOR SHOP REPAIR AND TEST.

TEST MEDIUM AND TEST PRESSURE FOR SEAT TIGHTNESS SHALL BE SPECIFIED IN THE INVOKING WORK ITEM.

Accomplish the requirements of 009-45 of 2.1 for each plug valve listed in \_\_\_\_\_, using 2.\_\_\_\_ for guidance.

A45a

The seat tightness test pressure is \_\_\_\_ PSIG.

A45b

The test medium is \_\_\_\_\_.

A45c

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009-46        BUTTERFLY VALVE, SYNTHETIC AND METAL SEATED; REPAIR

NOTE:        A46b AND A46c SHALL BE SUBPARAGRAPHS TO A46a.

FOR SHOP REPAIR AND TEST.

TEST MEDIUM AND TEST PRESSURE FOR SEAT TIGHTNESS SHALL BE SPECIFIED IN THE INVOKING WORK ITEM.

Accomplish the requirements of 009-46 of 2.1 for each butterfly valve listed in \_\_\_\_\_, using 2.\_\_\_\_ for guidance.

A46a

The seat tightness test pressure is \_\_\_\_ PSIG.

A46b

The test medium is \_\_\_\_.

A46c

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009-47 GATE VALVE; REPAIR

NOTE: A47b AND A47c SHALL BE SUBPARAGRAPHS TO A47a.

FOR SHOP REPAIR AND TEST.

TEST MEDIUM AND TEST PRESSURE FOR SEAT TIGHTNESS SHALL  
BE SPECIFIED IN THE INVOKING WORK ITEM. SHALL NOT BE  
USED FOR HIGH PRESSURE STEAM VALVES.

Accomplish the requirements of 009-47 of 2.1 for each gate valve listed  
in \_\_\_\_, using 2.\_\_ for guidance.

A47a

The seat tightness test pressure is \_\_\_\_ PSIG.

A47b

The test medium is \_\_\_\_.

A47c

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009-48 PRESSURE SEAL BONNET VALVE; REPAIR (SHOP)

NOTE: A48b AND A48c SHALL BE SUBPARAGRAPHS TO A48a.

FOR SHOP REPAIR AND TEST.

**TEST MEDIUM AND** TEST PRESSURE FOR SEAT TIGHTNESS SHALL  
BE SPECIFIED IN THE INVOKING WORK ITEM.

Accomplish the requirements of 009-48 of 2.1 for each pressure seal bonnet  
valve listed in \_\_\_\_, using 2.\_\_ for guidance.

A48a

The seat tightness test pressure is \_\_\_\_ PSIG.

A48b

The test medium is \_\_\_\_\_.

A48c

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009-49      PRESSURE SEAL BONNET VALVE; REPAIR (IN-LINE)

NOTE:      FOR IN-LINE REPAIR.

OPERATIONAL TEST OF THE VALVE SHALL BE SPECIFIED IN THE  
INVOKING WORK ITEM.

Accomplish the requirements of 009-49 of 2.1 for each in-line pressure seal bonnet valve listed in \_\_\_\_\_, using 2.\_\_\_\_ for guidance.

A49

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009-50      HORIZONTAL SWING CHECK VALVE; REPAIR

NOTE:      A50b SHALL BE A SUBPARAGRAPH TO A50a.

FOR SHOP REPAIR AND TEST.

**TEST MEDIUM FOR SEAT TIGHTNESS SHALL BE SPECIFIED IN  
THE INVOKING WORK ITEM.**

SHALL NOT BE USED FOR SCUPPER VALVES.

Accomplish the requirements of 009-50 of 2.1 for each check valve listed in \_\_\_\_\_, using 2.\_\_\_\_ for guidance.

A50a

The test medium is \_\_\_\_\_.

A50b

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009-51      GLOBE, GLOBE ANGLE, AND GLOBE STOP CHECK VALVE; REPAIR

NOTE:      A51b AND A51c SHALL BE SUBPARAGRAPHS TO A51a.

FOR SHOP REPAIR AND TEST.

TEST MEDIUM AND TEST PRESSURE FOR SEAT TIGHTNESS SHALL  
BE SPECIFIED IN THE INVOKING WORK ITEM.

SHALL NOT BE USED FOR HIGH PRESSURE STEAM VALVES.

Accomplish the requirements of 009-51 of 2.1 for each globe valve listed in \_\_\_\_\_, using 2.\_\_\_\_ for guidance.

A51a

The seat tightness test pressure is \_\_\_\_\_ PSIG.

A51b

The test medium is \_\_\_\_\_.

A51c

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009-52      RELIEF VALVE; REPAIR

NOTE:      A52b-A52d SHALL BE SUBPARAGRAPHS TO A52a.

FOR SHOP REPAIR AND TEST.

TEST MEDIUM AND TEST PRESSURE FOR SEAT TIGHTNESS AND VALVE LIFTING SHALL BE SPECIFIED IN THE INVOKING WORK ITEM.

SHALL NOT BE USED FOR BOILER SAFETY VALVES OR BALANCED DESIGN RELIEF VALVES.

Accomplish the requirements of 009-52 of 2.1 for each relief valve listed in \_\_\_\_\_, using 2.\_\_\_\_ for guidance.

A52a

The test medium is \_\_\_\_\_.

A52b

The seat tightness test pressure is \_\_\_\_\_ PSIG.

A52c

The lifting pressure is \_\_\_\_\_ PSIG.

A52d

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009-53      BOLTED BONNET STEAM VALVE; REPAIR (SHOP)

NOTE:      A53b AND A53c SHALL BE SUBPARAGRAPHS TO A53a.

FOR SHOP REPAIR AND TEST.

TEST MEDIUM AND TEST PRESSURE FOR SEAT TIGHTNESS SHALL  
BE SPECIFIED IN THE INVOKING WORK ITEM.

Accomplish the requirements of 009-53 of 2.1 for each bolted bonnet steam valve listed in \_\_\_\_\_, using 2.\_\_\_\_ for guidance.

A53a

The seat tightness test pressure is \_\_\_\_\_ PSIG.

A53b

The test medium is \_\_\_\_\_.

A53c

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009-54      BOLTED BONNET STEAM VALVE; REPAIR (IN-LINE)

NOTE:      FOR IN-LINE REPAIR.

OPERATIONAL TEST OF THE VALVE, INCLUDING BYPASS VALVE,  
SHALL BE SPECIFIED IN WORK ITEM.

Accomplish the requirements of 009-54 of 2.1 for each in-line bolted bonnet steam valve listed in \_\_\_\_\_, using 2.\_\_\_\_ for guidance.

A54

009-55 REGULATING/REDUCING VALVE; REPAIR

NOTE: A55b-A55c SHALL BE SUBPARAGRAPHS TO A55a.

FOR SHOP REPAIR AND TEST.

TEST MEDIUM AND TEST PRESSURE FOR VALVE INLET AND  
REGULATED PRESSURE/TEMPERATURE SHALL BE SPECIFIED IN  
THE INVOKING WORK ITEM.

A55a-A55c SHALL BE USED FOR PRESSURE  
REGULATORS/REDUCERS ONLY.

Accomplish the requirements of 009-55 of 2.1 for each **pressure** regulating/reducing valve listed in \_\_\_\_\_, using 2.\_\_\_\_ for guidance.

A55a

The inlet/regulating or reducing pressure is \_\_\_\_\_ PSIG to \_\_\_\_\_ PSIG.

A55b

The test medium is \_\_\_\_\_.

A55c

NOTE: A55e-A55f SHALL BE SUBPARAGRAPHS TO A55d.

A55d-A55f SHALL BE USED FOR TEMPERATURE REGULATORS  
ONLY.

Accomplish the requirements of 009-55 of 2.1 for each **temperature** regulating/reducing valve listed in \_\_\_\_\_, using 2.\_\_\_\_ for guidance.

A55d

The regulated temperature is \_\_\_\_\_ degrees Fahrenheit.

A55f

The test medium is \_\_\_\_\_.

A55f

009-56      **MAIN PROPULSION** BOILER WET LAY-UP; ACCOMPLISH

Accomplish the requirements of 009-56 of 2.1 for \_\_\_\_.

A56

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009-57      REDUCTION GEAR SECURITY REQUIREMENTS; ACCOMPLISH

NOTE:      A57 TO BE INVOKED AS 3.1 IN WORK ITEMS WHERE REDUCTION  
GEAR SECURITY IS AFFECTED.

Accomplish the requirements of 009-57 of 2.1.

A57

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009-58      PUMP AND DRIVER SHAFT ALIGNMENT; ACCOMPLISH

NOTE:      A58 TO BE INVOKED ANY TIME THE ROTOR OF A PUMP OR  
DRIVER (MOTOR/TURBINE) IS DISTURBED FOR REPAIR OR  
REPLACEMENT.

Accomplish the requirements of 009-58 of 2.1 for \_\_\_\_.

A58

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009-62      BOILER HANDHOLE AND MANHOLE SEATS AND PLATES; INSPECT

Accomplish the requirements of 009-62 of 2.1 for \_\_\_\_.

A62

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009-63      LUBRICATING OILS AND HYDRAULIC FLUIDS; ANALYZE

NOTE:      A63b SHALL BE A SUBPARAGRAPH TO A63a.

SPECIFY QUANTITY AND TYPE OF SAMPLE.

Accomplish the requirements of 009-63 of 2.1.

A63a

Test and analyze \_\_\_\_\_ samples.

A63b

NOTE:        A63c WILL BE A SUBPARAGRAPH TO A63a-A63b, AS APPLICABLE.

SPECIFY THE LOCATION FROM WHICH SAMPLES OF LUBRICATING OR HYDRAULIC FLUIDS ARE TO BE TAKEN.

**Obtain** a sample from \_\_\_\_\_ in accordance with ASTM D 4057.

A63c

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A66	Phrase deleted
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009-68	BOLTED BONNET VALVE; REPAIR
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NOTE:        FOR IN-LINE REPAIR.

OPERATIONAL TEST OF THE VALVE SHALL BE SPECIFIED IN THE INVOKING WORK ITEM.

Accomplish the requirements of 009-68 of 2.1 for each in-line bolted bonnet valve listed in \_\_\_\_\_, using 2.\_\_\_\_ for guidance.

A68

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009-71	TESTING REQUIREMENTS FOR PIPING SYSTEMS; ACCOMPLISH
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NOTE:        INVOKE A71a FOR NON-PRESSURIZED SYSTEMS ONLY.

Accomplish the requirements of 009-71 of 2.1 for new and disturbed piping.

A71a

NOTE:        A71b-A71e ARE FOR USE WHERE THE OPERATING PRESSURE TEST IS ALLOWED BY NSTM CH-505. TEST PRESSURE AND TEST MEDIUM SHALL BE LISTED.

Accomplish the requirements of 009-71 of 2.1 for new and disturbed piping system.

A71b

**Hydrostatic** test pressure shall be \_\_\_\_ PSIG, using \_\_\_\_.

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A71c

NOTE:        A71d-A71e ARE FOR USE IN FEEDWATER AND ELECTRONIC  
COOLING WATER PIPING SYSTEMS WHERE CONDUCTIVITY LEVELS  
REQUIRE MONITORING.

Accomplish the requirements of 009-71 of 2.1 for new and disturbed piping system.

A71d

**Hydrostatic** test pressure shall be \_\_\_\_ PSIG, using feedwater conforming to Paragraphs 220-22.18 or 220-22.20, and 220-22.21 and 220-22.22 of 2.\_\_\_\_. |

A71e

NOTE:        A71h-A71j ARE FOR USE WHERE THE HYDROSTATIC TEST IS  
REQUIRED BY NSTM CH-505. TEST MEDIUM AND SYSTEM  
IDENTIFICATION SHALL BE LISTED.

Accomplish the requirements of 009-71 of 2.1 for hydrostatic test, using clean, fresh water at \_\_\_\_ PSIG, for new and disturbed \_\_\_\_ piping systems.

A71h

Accomplish the requirements of 009-71 of 2.1 for hydrostatic test, using feedwater at \_\_\_\_ PSIG, for new and disturbed \_\_\_\_ piping systems.

A71i

Feedwater shall conform to Paragraphs 220-22.18 or 220-22.20, and 220-22.21 and 220-22.22 of 2.\_\_\_\_.

A71j

NOTE:        USE A711 FOR AIR TEST OF PIPING SYSTEMS WHERE WATER  
WOULD BE DETRIMENTAL.

Accomplish the requirements of 009-71 of 2.1 for new and disturbed \_\_\_\_ piping systems, using clean, dry air or nitrogen at \_\_\_\_ PSIG.

A711

NOTE:        FOR USE WITH VCHT SYSTEMS (PORTIONS UNDER VACUUM).

Accomplish the requirements of 009-71 of 2.1 for a visual tightness test of the Vacuum, Collection, Holding and Transfer (VCHT) Sewage System to at least 24 inches of Hg (vacuum) for at least 10 minutes, with less than 10 percent drop.

A71m

NOTE:        FOR STRENGTH, POROSITY AND MECHANICAL JOINT TIGHTNESS TESTS OF HYDRAULIC AND LUBRICATING OIL SYSTEMS.

Accomplish the requirements of 009-71 of 2.1 for \_\_\_\_\_ test, using system fluid at \_\_\_\_\_ PSIG, for new and disturbed \_\_\_\_\_ piping systems.

A71n

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009-75        CIRCUIT BREAKER; REPAIR

NOTE:        INSERT EQUIPMENT TECHNICAL MANUAL IN REFERENCES.

USE B50 AS A SUBPARAGRAPH TO A75.

Accomplish the requirements of 009-75 of 2.1 for \_\_\_\_\_, using 2.\_\_\_\_ for guidance.

A75

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009-76        WAVEGUIDE AND TRANSMISSION LINE TEMPORARY LAY-UP, PRESSURIZATION, AND PURGING; ACCOMPLISH

Accomplish the requirements of 009-76 of 2.1 for \_\_\_\_\_.

A76

009-78 PASSIVE COUNTERMEASURES SYSTEM (PCMS) MATERIAL REPAIR/  
INSTALLATION REQUIREMENTS; ACCOMPLISH

Accomplish the requirements of 009-78 of 2.1.

A78

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009-85 GOVERNMENT SPONSORED PLANNING YARD/CONFIGURATION DATA MANAGER  
(CDM) ON-SITE REPRESENTATIVE FACILITY; PROVIDE

Accomplish the requirements of 009-85 of 2.1.

A85

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009-90 TECHNICAL REPRESENTATIVE; PROVIDE

NOTE: USE A90b AS A SUBPARAGRAPH TO A90a WHEN TECHNICAL  
SUPPORT, SPECIAL TOOLS, AND/OR EQUIPMENT ARE REQUIRED.

GENERALLY TECHNICAL SUPPORT SHOULD BE PROVIDED BY THE  
SUPERVISOR. THE TECHNICAL REPRESENTATIVE SHOULD ONLY  
BE REQUESTED WHEN:

1. TECHNICAL DOCUMENTATION IS NOT AVAILABLE TO THE  
SUPERVISOR (i.e., SUPERVISOR DOES NOT HAVE THE  
PROPRIETARY DATA).

2. THE SUPERVISOR DOES NOT HAVE SUFFICIENT PERSONNEL TO  
SUPPORT OVERSIGHT OF MAINTENANCE BEING PERFORMED.

3. SPECIAL TOOLS OR EQUIPMENT ARE REQUIRED.

Accomplish the requirements of 009-90 of 2.1.

A90a

Provide the services of a \_\_\_\_\_ technical representative to \_\_\_\_\_.

A90b

Accomplish the requirements of 009-90 of 2.1 for \_\_\_\_\_.

A90c

009-91 PROPELLER IN-PLACE INSPECTION; ACCOMPLISH

Accomplish the requirements of 009-91 of 2.1 for equipment listed in \_\_\_\_.

A91

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009-92 RESILIENT MOUNT; REMOVE AND INSTALL

NOTE: INSERT EQUIPMENT TECHNICAL MANUAL.

Accomplish the requirements of 009-92 of 2.1 for equipment listed in \_\_\_\_,  
using 2.\_\_ for guidance.

A92

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009-96 BALL VALVE; REPAIR

NOTE: A96b AND A96c SHALL BE SUBPARAGRAPHS TO A96a.

FOR SHOP REPAIR AND TEST.

TEST MEDIUM AND TEST PRESSURE FOR SEAT TIGHTNESS SHALL  
BE SPECIFIED IN THE INVOKING WORK ITEM.

Accomplish the requirements of 009-96 of 2.1 for each ball valve listed  
in \_\_\_\_, using 2.\_\_ for guidance.

A96a

The seat tightness test pressure is \_\_\_\_ PSIG.

A96b

The test medium is \_\_\_\_.

A96c

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009-98 MONEL FASTENERS; INSPECT

Accomplish the requirements of 009-98 of 2.1.

A98a

Remove existing and install new up to \_\_\_\_ percent of fasteners.

A98b

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009-104 VIBRATION TESTING AND ANALYSIS; ACCOMPLISH

Accomplish the requirements of 009-104 of 2.1.

A104

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009-105 THERMAL SPRAYED COATINGS FOR MACHINERY COMPONENT REPAIR;  
ACCOMPLISH

NOTE: USE WHEN THERMAL SPRAY COATING (EXCEPT ALUMINUM)  
MACHINERY COMPONENTS. SPECIFY THE TYPE OF COATING  
MATERIAL AND EITHER WIRE SPRAY OR POWDER SPRAY PROCESS.

Accomplish the requirements of 009-105 of 2.1 for the \_\_\_\_\_ listed in 1.\_\_\_\_.  
The coating material shall be \_\_\_\_\_, using the \_\_\_\_\_ spray process.

A105

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009-107 PIPING SYSTEM CLEANLINESS **RESTORATION** (NON-NUCLEAR); ACCOMPLISH

NOTE: THIS STANDARD SHALL BE USED WHEN CLEANING OF PIPING  
SYSTEMS **CLEANLINESS IS LOST**. WHEN PRACTICAL, SHIPBOARD  
CLEANING SHALL BE MINIMIZED OR ELIMINATED BY COMPONENT  
AND SUBASSEMBLY CLEANING AFTER FABRICATION AND BEFORE  
INSTALLATION ABOARD SHIP. PLANNER SHALL IDENTIFY WHICH  
PIPING SYSTEM REQUIRES CLEANING.

Accomplish the requirements of 009-107 of 2.1 for cleaning and  
flushing \_\_\_\_\_.

A107a

NOTE: A107b SHALL BE A SUBPARAGRAPH TO A107a. PLANNER SHALL  
SPECIFY CLEANLINESS LEVEL II OR LEVEL III AS IDENTIFIED  
IN SECTION 505j2. OF GSO FOR PIPING SYSTEM BEING  
CLEANED.

General Cleaning shall be Level \_\_\_\_.

A107b

009-113      ROTATING ELECTRICAL EQUIPMENT WITH SEALED INSULATION SYSTEMS  
(SIS); REWIND

Accomplish the requirements of 009-113 of 2.1 for the equipment listed in  
1.3.\_\_\_\_, using 2.\_\_\_\_ for guidance.

A113

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009-114      MOLD REMEDIATION; ACCOMPLISH

Accomplish the requirements of 009-114 of 2.1.

A114

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009-115      BEARING REBABBITTING; ACCOMPLISH

Accomplish the requirements of 009-115 of 2.1 for each bearing listed  
in \_\_\_\_.

A115

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009-116      AUXILIARY AND WASTE HEAT BOILER SODIUM NITRATE WET LAYUP;  
ACCOMPLISH

Accomplish the requirements of 009-116 of 2.1 for \_\_\_\_.

A116

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009-117      SUPPORT FOR COMBAT SYSTEMS LIGHT-OFF; PROVIDE

Accomplish the requirements of 009-117 of 2.1.

A117

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A119      Phrase deleted

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**009-123      FIBER OPTIC COMPONENT; REMOVE, RELOCATE, REPAIR, AND INSTALL**

**Accomplish the requirements of 009-123 of 2.1 for \_\_\_\_.**

**A123**

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